



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/787,677
Source: Per/09 Rush
Date Processed by STIC: 8/26/2002

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/efb/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002



PR/09

RAW SEQUENCE LISTING

DATE: 08/26/2002

PATENT APPLICATION: US/09/787,677

TIME: 13:35:46

Input Set : A:\pf590usn_seqlist.txt

Output Set: N:\CRF3\08262002\I787677.raw

**Does Not Comply
Corrected Diskette Needed**

pp 1,6

4 <110> APPLICANT: INCYTE PHARMACEUTICALS, INC.
 5 YUE, Henry
 6 LAL, Preeti
 7 CORLEY, Neil C.
 8 GUEGLER, Karl J.
 9 BAUGHN, Mariah R.
 10 LU, Aina D.
 11 TANG, Y. Tom
 13 <120> TITLE OF INVENTION: MEMBRANE-ASSOCIATED ORGANIZATIONAL PROTEINS
 15 <130> FILE REFERENCE: PF-0590 PCT
 17 <140> CURRENT APPLICATION NUMBER: US/09/787,677
 18 <141> CURRENT FILING DATE: 2002-08-26
 20 <150> PRIOR APPLICATION NUMBER: 09/161,043; unassigned; 09/172,189; unassigned;
 09/305,329;
 21 unassigned
 22 <151> PRIOR FILING DATE: 1998-09-25; 1998-09-25; 1999-10-13; 1999-10-13; 1999-05-04;
 23 1999-05-04
 25 <160> NUMBER OF SEQ ID NOS: 12
 27 <170> SOFTWARE: PERL Program
 29 <210> SEQ ID NO: 1
 30 <211> LENGTH: 361
 31 <212> TYPE: PRT
 32 <213> ORGANISM: Homo sapiens
 34 <220> FEATURE:
 35 <221> NAME/KEY: misc_feature
 36 <223> OTHER INFORMATION: Incyte ID No: 2687924CD1
 38 <400> SEQUENCE: 1
 39 Met Ser Thr Ala Arg Glu Gln Pro Ile Phe Ser Thr Arg Ala His
 40 1 5 10 15
 41 Val Phe Gln Ile Asp Pro Ala Thr Lys Arg Asn Trp Ile Pro Ala
 42 20 25 30
 43 Gly Lys His Ala Leu Thr Val Ser Tyr Phe Tyr Asp Ala Thr Arg
 44 35 40 45
 45 Asn Val Tyr Arg Ile Ile Ser Ile Gly Gly Ala Lys Ala Ile Ile
 46 50 55 60
 47 Asn Ser Thr Val Thr Pro Asn Met Thr Phe Thr Lys Thr Ser Gln
 48 65 70 75
 49 Lys Phe Gly Gln Trp Ala Asp Ser Arg Ala Asn Thr Val Tyr Gly
 50 80 85 90
 51 Leu Gly Phe Ala Ser Glu Gln His Leu Thr Gln Phe Ala Glu Lys
 52 95 100 105
 53 Phe Gln Glu Val Lys Glu Ala Ala Arg Leu Ala Arg Glu Lys Ser
 54 110 115 120
 55 Gln Asp Gly Gly Glu Leu Thr Ser Pro Ala Leu Gly Leu Ala Ser

*place
prior
application
number
directly
above its
filing date.*

RAW SEQUENCE LISTING

DATE: 08/26/2002

PATENT APPLICATION: US/09/787,677

TIME: 13:35:46

Input Set : A:\pf590usn_seqlist.txt

Output Set: N:\CRF3\08262002\I787677.raw

56		125		130		135
57	His Gln Val Pro	Pro Ser Pro Leu Val	Ser Ala Asn Gly Pro Gly			
58		140		145		150
59	Glu Glu Lys Leu	Phe Arg Ser Gln Ser	Ala Asp Ala Pro Gly Pro			
60		155		160		165
61	Thr Glu Arg Glu	Arg Leu Lys Lys Met	Leu Ser Glu Gly Ser Val			
62		170		175		180
63	Gly Glu Val Gln	Trp Glu Ala Glu Phe	Phe Ala Leu Gln Asp Ser			
64		185		190		195
65	Asn Asn Lys Leu	Ala Gly Ala Leu Arg	Glu Ala Asn Ala Ala Ala			
66		200		205		210
67	Ala Gln Trp Arg	Gln Gln Leu Glu Ala	Gln Arg Ala Glu Ala Glu			
68		215		220		225
69	Arg Leu Arg Gln	Arg Val Ala Glu Leu	Glu Ala Gln Ala Ala Ser			
70		230		235		240
71	Glu Val Thr Pro	Thr Gly Glu Lys Glu	Gly Leu Gly Gln Gly Gln			
72		245		250		255
73	Ser Leu Glu Gln	Leu Glu Ala Leu Val	Gln Thr Lys Asp Gln Glu			
74		260		265		270
75	Ile Gln Thr Leu	Lys Ser Gln Thr Gly	Gly Pro Arg Glu Ala Leu			
76		275		280		285
77	Glu Ala Ala Glu	Arg Glu Glu Thr Gln	Gln Lys Val Gln Asp Leu			
78		290		295		300
79	Glu Thr Arg Asn	Ala Glu Leu Glu His	Gln Leu Arg Ala Met Glu			
80		305		310		315
81	Arg Ser Leu Glu	Glu Ala Arg Ala Glu	Arg Glu Arg Ala Arg Ala			
82		320		325		330
83	Glu Val Gly Arg	Ala Ala Gln Leu Leu	Asp Val Arg Leu Phe Glu			
84		335		340		345
85	Leu Ser Glu Leu	Arg Glu Gly Leu Ala	Arg Leu Ala Glu Ala Ala			
86		350		355		360
87	Pro					
90	<210> SEQ ID NO: 2					
91	<211> LENGTH: 300					
92	<212> TYPE: PRT					
93	<213> ORGANISM: Homo sapiens					
95	<220> FEATURE:					
96	<221> NAME/KEY: misc_feature					
97	<223> OTHER INFORMATION: Incyte ID No: 1320134CD1					
99	<400> SEQUENCE: 2					
100	Met Arg Phe Ser	Gln Ser Glu Asp Phe	Phe Thr Leu Ile Glu Ser			
101	1	5	10	15		
102	His Glu Gly Lys	Pro Leu Lys Leu Met	Val Tyr Asn Ser Lys Ser			
103		20	25	30		
104	Asp Ser Cys Arg	Glu Val Thr Val Thr	Pro Asn Ala Ala Trp Gly			
105		35	40	45		
106	Gly Glu Gly Ser	Leu Gly Cys Gly Ile	Gly Tyr Gly Tyr Leu His			
107		50	55	60		
108	Arg Ile Pro Thr	Gln Pro Pro Ser Tyr	His Lys Lys Pro Pro Gly			

RAW SEQUENCE LISTING

DATE: 08/26/2002

PATENT APPLICATION: US/09/787,677

TIME: 13:35:46

Input Set : A:\pf590usn_seqlist.txt

Output Set: N:\CRF3\08262002\I787677.raw

```

109          65          70          75
110 Thr Pro Pro Pro Ser Ala Leu Pro Leu Gly Ala Pro Pro Pro Asp
111          80          85          90
112 Ala Leu Pro Pro Gly Pro Thr Pro Glu Asp Ser Pro Ser Leu Glu
113          95         100         105
114 Thr Gly Ser Arg Gln Ser Asp Tyr Met Glu Ala Leu Leu Gln Ala
115         110         115         120
116 Pro Gly Ser Ser Met Glu Asp Pro Leu Pro Gly Pro Gly Ser Pro
117         125         130         135
118 Ser His Ser Ala Pro Asp Pro Asp Gly Leu Pro His Phe Met Glu
119         140         145         150
120 Thr Pro Leu Gln Pro Pro Pro Pro Val Gln Arg Val Met Asp Pro
121         155         160         165
122 Gly Phe Leu Asp Val Ser Gly Ile Ser Leu Leu Asp Asn Ser Asn
123         170         175         180
124 Ala Ser Val Trp Pro Ser Leu Pro Ser Ser Thr Glu Leu Thr Thr
125         185         190         195
126 Thr Ala Val Ser Thr Ser Gly Pro Glu Asp Ile Cys Ser Ser Ser
127         200         205         210
128 Ser Ser His Glu Arg Gly Gly Glu Ala Thr Trp Ser Gly Ser Glu
129         215         220         225
130 Phe Glu Val Ser Phe Leu Asp Ser Pro Gly Ala Gln Ala Gln Ala
131         230         235         240
132 Asp His Leu Pro Gln Leu Thr Leu Pro Asp Ser Leu Thr Ser Ala
133         245         250         255
134 Ala Ser Pro Glu Asp Gly Leu Ser Ala Glu Leu Leu Glu Ala Gln
135         260         265         270
136 Ala Glu Glu Glu Pro Ala Ser Thr Glu Gly Leu Asp Thr Gly Thr
137         275         280         285
138 Glu Ala Glu Gly Leu Asp Ser Gln Ala Gln Ile Ser Thr Thr Glu
139         290         295         300
142 <210> SEQ ID NO: 3
143 <211> LENGTH: 230
144 <212> TYPE: PRT
145 <213> ORGANISM: Homo sapiens
147 <220> FEATURE:
148 <221> NAME/KEY: misc_feature
149 <223> OTHER INFORMATION: Incyte ID No: 2594049CD1
151 <400> SEQUENCE: 3
152 Met Ala Ser Leu Gly Leu Gln Leu Val Gly Tyr Ile Leu Gly Leu
153   1          5          10          15
154 Leu Gly Leu Leu Gly Thr Leu Val Ala Met Leu Leu Pro Ser Trp
155         20         25         30
156 Lys Thr Ser Ser Tyr Val Gly Ala Ser Ile Val Thr Ala Val Gly
157         35         40         45
158 Phe Ser Lys Gly Leu Trp Met Glu Cys Ala Thr His Ser Thr Gly
159         50         55         60
160 Ile Thr Gln Cys Asp Ile Tyr Ser Thr Leu Leu Gly Leu Pro Ala
161         65         70         75

```

RAW SEQUENCE LISTING

DATE: 08/26/2002

PATENT APPLICATION: US/09/787,677

TIME: 13:35:46

Input Set : A:\pf590usn_seqlist.txt

Output Set: N:\CRF3\08262002\I787677.raw

```

162 Asp Ile Gln Ala Ala Gln Ala Met Met Val Thr Ser Ser Ala Ile
163                               80                               85                               90
164 Ser Ser Leu Ala Cys Ile Ile Ser Val Val Gly Met Arg Cys Thr
165                               95                               100                              105
166 Val Phe Cys Gln Glu Ser Arg Ala Lys Asp Arg Val Ala Val Ala
167                               110                              115                              120
168 Gly Gly Val Phe Phe Ile Leu Gly Gly Leu Leu Gly Phe Ile Pro
169                               125                              130                              135
170 Val Ala Trp Asn Leu His Gly Ile Leu Arg Asp Phe Tyr Ser Pro
171                               140                              145                              150
172 Leu Val Pro Asp Ser Met Lys Phe Glu Ile Gly Glu Ala Leu Tyr
173                               155                              160                              165
174 Leu Gly Ile Ile Ser Ser Leu Phe Ser Leu Ile Ala Gly Ile Ile
175                               170                              175                              180
176 Leu Cys Phe Ser Cys Ser Ser Gln Arg Asn Arg Ser Asn Tyr Tyr
177                               185                              190                              195
178 Asp Ala Tyr Gln Ala Gln Pro Leu Ala Thr Arg Ser Ser Pro Arg
179                               200                              205                              210
180 Pro Gly Gln Pro Pro Lys Val Lys Ser Glu Phe Asn Ser Tyr Ser
181                               215                              220                              225
182 Leu Thr Gly Tyr Val
183                               230
186 <210> SEQ ID NO: 4
187 <211> LENGTH: 292
188 <212> TYPE: PRT
189 <213> ORGANISM: Homo sapiens
191 <220> FEATURE:
192 <221> NAME/KEY: misc_feature
193 <223> OTHER INFORMATION: Incyte ID No: 5139028CD1
195 <400> SEQUENCE: 4
196 Met Ser Ser Leu Tyr Pro Ser Leu Glu Asp Leu Lys Val Asp Gln
197   1                               5                               10                               15
198 Ala Ile Gln Ala Gln Val Arg Ala Ser Pro Lys Met Pro Ala Leu
199                               20                               25                               30
200 Pro Val Gln Ala Thr Ala Ile Ser Pro Pro Pro Val Leu Tyr Pro
201                               35                               40                               45
202 Asn Leu Ala Glu Leu Glu Asn Tyr Met Gly Leu Ser Leu Ser Ser
203                               50                               55                               60
204 Gln Glu Val Gln Glu Ser Leu Leu Gln Ile Pro Glu Gly Asp Ser
205                               65                               70                               75
206 Thr Ala Val Ser Gly Pro Gly Pro Gly Gln Met Val Ala Pro Val
207                               80                               85                               90
208 Thr Gly Tyr Ser Leu Gly Val Arg Arg Ala Glu Ile Lys Pro Gly
209                               95                               100                              105
210 Val Arg Glu Ile His Leu Cys Lys Asp Glu Arg Gly Lys Thr Gly
211                               110                              115                              120
212 Leu Arg Leu Arg Lys Val Asp Gln Gly Leu Phe Val Gln Leu Val
213                               125                              130                              135
214 Gln Ala Asn Thr Pro Ala Ser Leu Val Gly Leu Arg Phe Gly Asp

```

RAW SEQUENCE LISTING

DATE: 08/26/2002

PATENT APPLICATION: US/09/787,677

TIME: 13:35:46

Input Set : A:\pf590usn_seqlist.txt

Output Set: N:\CRF3\08262002\I787677.raw

215	140	145	150
216 Gln Leu Leu Gln Ile Asp Gly Arg Asp Cys Ala Gly Trp Ser Ser			
217	155	160	165
218 His Lys Ala His Gln Val Val Lys Lys Ala Ser Gly Asp Lys Ile			
219	170	175	180
220 Val Met Val Val Arg Asp Arg Pro Phe Gln Arg Thr Val Thr Met			
221	185	190	195
222 His Lys Asp Ser Met Gly His Val Gly Phe Val Ile Lys Lys Gly			
223	200	205	210
224 Lys Ile Val Ser Leu Val Lys Gly Ser Ser Ala Ala Cys Asn Gly			
225	215	220	225
226 Leu Leu Thr Asn His Tyr Val Cys Glu Val Asp Gly Gln Asn Val			
227	230	235	240
228 Ile Gly Leu Lys Asp Lys Lys Ile Met Glu Ile Leu Ala Thr Ala			
229	245	250	255
230 Gly Asn Val Val Thr Leu Thr Ile Ile Pro Ser Val Ile Tyr Glu			
231	260	265	270
232 His Met Val Lys Lys Leu Pro Pro Val Leu Leu His His Thr Met			
233	275	280	285
234 Asp His Ser Ile Pro Asp Ala			
235	290		
238 <210> SEQ ID NO: 5			
239 <211> LENGTH: 1501			
240 <212> TYPE: DNA			
241 <213> ORGANISM: Homo sapiens			
243 <220> FEATURE:			
244 <221> NAME/KEY: misc_feature			
245 <223> OTHER INFORMATION: Incyte ID No: 2687924CB1			
247 <400> SEQUENCE: 5			
248 gcacgaaggg agtccccgga gttaccgacc tgggggttggg ggaggcagaa gaggtgtccc 60			
249 ccgaagttct ggaccagag acagggggcg tcgagggaat ctcggaagtt ccagggggcc 120			
250 aaaccagtgc tctgccacc tctctggctg cccctagag cctgcccatc ccagcctgac 180			
251 caatgtccac agccaggag cagccaatct tcagcacacg ggcgcacgtg ttccaaattg 240			
252 acccagccac caagcgaaac tggatcccag cgggcaagca cgcactcact gtctcctatt 300			
253 tctacgatgc cacccgcaat gtgtaccgca tcatcagcat cggaggcgcc aaggccatca 360			
254 tcaacagcac tgtcactccc aacatgacct tcacaaaac ttcccagaag ttcgggcagt 420			
255 gggccgacag tcgcgccaac acagtctacg gcctgggctt tgcctctgaa cagcatctga 480			
256 cacagtttgc cgagaagttc caggaagtga aggaagcagc caggctggcc agggagaaat 540			
257 ctccagatgg cggggagctc accagtccag ccctggggct cgcctcccac caggtgcccc 600			
258 cgagccctct cgtcagtgcc aacggccccg gcgaggaaaa actgttccgc agccagagcg 660			
259 ctgatgcccc cggccccaca gacgcgagc ggctaaagaa gatgttgtct gagggctccg 720			
260 tgggcgaggt acagtgggag gccgagtttt tcgcaactgca ggacagcaac aacaagctgg 780			
261 caggcgccct gcgagaggcc aacgcccgcg cagcccagtg gaggcagcag ctggaggctc 840			
262 agcgtgcaga ggccgagcgg ctgcggcagc ggggtggctga gctggaggct caggcagctt 900			
263 cagaggtgac cccaccgggt gagaaggagg ggctgggcca gggccagtcg ctggaacagc 960			
264 tggagagctct ggtgcaaac aaggaccagg agattcagac cctgaagagt cagactgggg 1020			
265 ggccccgcga ggccctggag gctgccgagc gtgaggagac tcagcagaag gtgcaggacc 1080			
266 tggagaccgc caatgcggag ttggagcacc agctgcgggc gatggagcgc agcctggagg 1140			
267 aggcacgggc agagcgggag cgggcgcggg ctgaggtggg ccgggcagcg cagctgctgg 1200			

<210> 9
<211> 189
<212> PRT
<213> Rattus norvegicus

<300>

<308> GenBank ID No: g1913909

<309> ← insert this and the response wherever <308>

<400> 9

has a response

same env in segs 10-12

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/787,677

DATE: 08/26/2002
TIME: 13:35:47

Input Set : A:\pf590usn_seqlist.txt
Output Set: N:\CRF3\08262002\I787677.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 22

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/787,677

DATE: 08/26/2002

TIME: 13:35:47

Input Set : A:\pf590usn_seqlist.txt

Output Set: N:\CRF3\08262002\I787677.raw

L:17 M:270 C: Current Application Number differs, Replaced Current Application Number
L:18 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:21 M:259 W: Allowed number of lines exceeded, <150> PRIOR APPLICATION NUMBER:
L:22 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
L:23 M:259 W: Allowed number of lines exceeded, <151> PRIOR FILING DATE:
L:409 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:9
L:449 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:10
L:521 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:11
L:565 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:12